



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Johan NILSSON
Application No.: 09/684,985
Filing Date: October 10, 2000
Title: RADIO TRANSCEIVER

Group Art Unit: 2685
Examiner: Pablo N. Tran
Confirmation No.: 2763

AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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NOV 25 2003

Technology Center 2600

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is also enclosed.
- ☐ Terminal Disclaimer(s) and the ☐ \$55.00 (2814) ☐ \$110.00 (1814) fee per Disclaimer due under 37 C.F.R. § 1.20(d) are also enclosed.
- ☐ Also enclosed is/are _____

- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$385.00 (2801) ☐ \$770.00 (1801) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted _____

on _____,
for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below.

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	12	MINUS 20 =	0	x \$18.00 (1202) =	\$ 0.00
Independent Claims	2	MINUS 4 =	0	x \$86.00 (1201) =	\$ 0.00
If Amendment adds multiple dependent claims, add \$290.00 (1203)					\$ 0.00
Total Claim Amendment Fee					\$ 0.00
<input checked="" type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					\$ 0.00
TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT					\$ 0.00

- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to Deposit Account No. 02-4800.

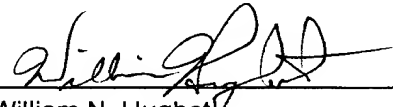
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: November 20, 2003

By 
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12/4/03
DH

Patent
Attorney Docket No.: 027557-064

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application:)	
)	
Johan NILSSON)	
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Serial No.: 09/684,985)	Work Group: 2685
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Filed: October 10, 2000)	Examiner: Pablo Tran
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Title: RADIO TRANSCEIVER)	

AMENDMENT

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Sir:

This is in response to the Office Action mailed August 20, 2003, having a period for response set to expire November 20, 2004. The following amendment and remarks are respectfully submitted, and reconsideration of the claims is respectfully requested.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 31
1. (Currently Amended) A radio transceiver, comprising:
- a receiver, for receiving radio signals;
 - a quality estimator, for estimating a first measure of quality of received radio signals, the quality estimator using an estimation algorithm having a response speed; and
 - a speed estimator, for obtaining a measure of relative velocity of the transceiver,
- wherein the measure of relative velocity is used as an input to the quality estimator, and the response speed of the estimation algorithm is controlled in response to the measure of velocity of the transceiver.